

Standard Lime & Stone Quarry,
Primary Crusher
County Route 27
Millville
Jefferson County
West Virginia

HAER No. WV-49-A

HAER
WVA
19-MILLV,
1A-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
MID-ATLANTIC REGION, NATIONAL PARK SERVICE
DEPARTMENT OF THE INTERIOR
PHILADELPHIA, PENNSYLVANIA 19106

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Location: Standard Lime & Stone Quarry, northeast edge of plant area, County Route 27, Millville, Jefferson County, West Virginia.

UTM: 18.4353850.260320
Quad: Charles Town, West Virginia

Significance: The Primary Crusher is an intact surviving example of the type of industrial machinery used during the initial phases of dolomite processing.

Description: The Primary Crusher is a large iron and steel rock crushing device housed in a steel-frame structure. The entire component measures approximately 55 feet square and remains in good condition.

History: The manufacturer of the Primary Crusher is unknown. It was installed by the Standard Lime & Stone Company probably between 1930 and 1940. Raw dolomite was carted up from the quarry along rails onto an earthen ramp. The stone was dumped into a large hopper where it was fed into the crusher for the purpose of breaking down the rock into a smaller aggregate. The machinery within the crusher smashed the rock between two surfaces, one stationary and one movable, then deposited it onto a 48-inch-wide conveyor belt where it traveled underground 183 yards to the next crushing station.

Sources: Peele, Robert, ed. Mining Engineers Handbook. New York: Wiley, 1941 (3rd edition).

Sellards & Grigg, Inc./GEI Consultants, Inc. "National Education and Training Center, Engineering Property Assessment for Old Standard Quarry Property (Martin Marietta Quarry Site), Site No. 2, Vol. 1." Report prepared for U.S. Fish and Wildlife Service, Denver, 1990.

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